

Title (en)

METHOD FOR CONTROLLING AN INJECTION MOULDING PRESS

Title (de)

VERFAHREN ZUR REGELUNG EINER SPRITZGIESSMASCHINE

Title (fr)

PROCEDE DE COMMANDE ET DE REGULATION D'UNE PRESSE DE MOULAGE PAR INJECTION

Publication

EP 0873232 A2 19981028 (FR)

Application

EP 97932868 A 19970709

Priority

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Abstract (en)

[origin: WO9801282A2] A method for controlling an injection moulding press, wherein the injection process is controlled by controlling the injection force, is disclosed. According to the method, the mass (m) of a moulded product is correlated with the viscosity (η) and either the pressure (Pm) of the material in the mould or the injection pressure (Ph), the resulting correlations are processed to define an analytical model expressing the mass (m) of the moulded product in relation to the operating parameters, an injection force control law is derived from said analytical model on the basis either of the pressure (Pm) of the material in the mould or of the injection pressure (Ph), and the press injection force is controlled on the basis of said analytical model.

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